

SEQLIST.TXT  
SEQUENCE LISTING

<110> Albert, Lai

<120> NOVEL SPLICE VARIANTS OF HUMAN Dkk11

<130> PP023359.0003

<140> 10/574182

<141> 2007-05-31

<150> PCT/US04/34256

<151> 2004-09-30

<150> 60/507682

<151> 2003-09-30

<160> 26

<170> FastSEQ for windows Version 4.0

<210> 1

<211> 819

<212> DNA

<213> homo sapien

<400> 1

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<210> 2

<211> 242

<212> PRT

<213> homo sapien

<400> 2

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1 5 10 15
Leu Leu Leu Leu Leu Ser Thr Leu Val Ile Pro Ser Ala Ala Pro
20 25 30
Ile His Asp Ala Asp Ala Gln Gln Ser Ser Leu Gly Leu Thr Gly Leu
35 40 45
Gln Ser Leu Leu Gln Gly Phe Ser Arg Leu Phe Leu Lys Gly Asn Leu
50 55 60
Leu Arg Gly Ile Asp Ser Leu Phe Ser Ala Pro Met Asp Phe Arg Gly
65 70 75 80
Leu Pro Gly Asn Tyr His Lys Gln Glu Asn Gln Glu His Gln Leu Gly
85 90 95
Asn Asn Thr Leu Ser Ser His Leu Gln Ile Asp Lys Arg Thr Asp Asn
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SEQLIST.TXT

100 105 110  
 Lys Thr Gly Glu Val Leu Ile Ser Glu Asn Val Val Ala Ser Ile Gln  
 115 120 125  
 Pro Ala Glu Gly Ser Phe Glu Gly Asp Leu Lys Val Pro Arg Met Glu  
 130 135 140  
 Glu Lys Glu Ala Leu Val Pro Ile Gln Lys Ala Thr Asp Ser Phe His  
 145 150 155 160  
 Thr Glu Leu His Pro Arg Val Ala Phe Trp Ile Ile Lys Leu Pro Arg  
 165 170 175  
 Arg Arg Ser His Gln Asp Ala Leu Glu Gly Gly His Trp Leu Ser Glu  
 180 185 190  
 Lys Arg His Arg Leu Gln Ala Ile Arg Asp Gly Leu Arg Lys Gly Thr  
 195 200 205  
 His Lys Asp Val Leu Glu Glu Gly Thr Glu Ser Ser Ser His Ser Arg  
 210 215 220 225  
 Leu Ser Pro Arg Lys Thr His Leu Leu Tyr Ile Leu Arg Pro Ser Arg  
 230 235 240  
 Gln Leu

<210> 3  
 <211> 733  
 <212> DNA  
 <213> homo sapien

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 cctctccagc cactccaga tcgacaagat gaccgacaac aagacaggag aggtgctgat 360  
 ctccgagaat gtggtggcat ccattcaacc agcggagggg agcttcgagg gtgattgaa 420  
 ggtaccagg atggaggaga aggaggccct ggtaccatc cagaaggcca cggacagctt 480  
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 ccaccaggat gccctggagg ggcggcactg gctcagcgag aagcgacacc gctcgcaggc 600  
 catccgggat ggactccgca aggggaccca caaggacgtc ctgaagagg gaccgagag 660  
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<210> 4  
 <211> 242  
 <212> PRT  
 <213> homo sapien

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 20 25 30  
 Ile His Asp Ala Asp Ala Gln Glu Ser Ser Leu Gly Leu Thr Gly Leu  
 35 40 45  
 Gln Ser Leu Leu Gln Gly Phe Ser Arg Leu Phe Leu Lys Gly Asn Leu  
 50 55 60  
 Leu Arg Gly Ile Asp Ser Leu Phe Ser Ala Pro Met Asp Phe Arg Gly  
 65 70 75 80  
 Leu Pro Gly Asn Tyr His Lys Glu Glu Asn Gln Glu His Gln Leu Gly  
 85 90 95  
 Asn Asn Thr Leu Ser Ser His Leu Gln Ile Asp Lys Met Thr Asp Asn  
 100 105 110  
 Lys Thr Gly Glu Val Leu Ile Ser Glu Asn Val Val Ala Ser Ile Gln  
 115 120 125

# SEQLIST.TXT

Pro Ala Glu Gly Ser Phe Glu Gly Asp Leu Lys Val Pro Arg Met Glu  
 130 135 140  
 Glu Lys Glu Ala Leu Val Pro Ile Gln Lys Ala Thr Asp Ser Phe His  
 145 150 155  
 Thr Glu Leu His Pro Arg Val Ala Phe Trp Ile Ile Lys Leu Pro Arg  
 165 170 175  
 Arg Arg Ser His Gln Asp Ala Leu Glu Gly His Trp Leu Ser Glu  
 180 185 190  
 Lys Arg His Arg Leu Gln Ala Ile Arg Asp Gly Leu Arg Lys Gly Thr  
 195 200 205  
 His Lys Asp Val Leu Glu Glu Gly Thr Glu Ser Ser His Ser Arg  
 210 215 220  
 Leu Ser Pro Arg Lys Thr His Leu Leu Tyr Ile Leu Arg Pro Ser Arg  
 225 230 235 240  
 Gln Leu

<210> 5  
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 <212> DNA  
 <213> homo sapien

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 agagagctcc ttgggtctca caggcctcca gaggcctact caaggcttca gccgactttt 180  
 cctgaaaggt aacctgtctc gggtcataga cagcttattc tctgccccca tggacttccg 240  
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 cctctccagc cactccaga tcgacaagat gacggaacac aagacaggag aggtgctgat 360  
 ctccgagaat gtggtggcat ccattcaacc agcggagggg agcttcgagg gtgatttgaa 420  
 ggtaccagg atgaggagga aggaggccct ggtaccatc cagaaggcca cggacagctt 480  
 ccacacagaa ctccattccc ggtggcctt ctggatcatt aagctgccac gccgaggtc 540  
 ccaccaggat gccctggagg ggcggccatg gctcagcgag aagcgacacc gccctgaggc 600  
 catccgggat ggactccgca aggggaccca caaggacgtc tagaagagg ggaccgagag 660  
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 tcggcagctg tag 733

<210> 6  
 <211> 242  
 <212> PRT  
 <213> homo sapien

<400> 6  
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 Leu Leu Leu Leu Ser Thr Leu Val Ile Pro Ser Thr Ala Ala Pro  
 20 25 30  
 Ile His Asp Ala Asp Ala Gln Glu Ser Ser Leu Gly Leu Thr Gly Leu  
 35 40 45  
 Gln Ser Leu Leu Gln Gly Phe Ser Arg Leu Phe Leu Lys Gly Asn Leu  
 50 55 60  
 Leu Arg Gly Ile Asp Ser Leu Phe Ser Ala Pro Met Asp Phe Arg Gly  
 65 70 75 80  
 Leu Pro Gly Asn Tyr His Lys Glu Glu Asn Gln Glu His Gln Leu Gly  
 85 90 95  
 Asn Asn Thr Leu Ser Ser His Leu Gln Ile Asp Lys Met Thr Asp Asn  
 100 105 110  
 Lys Thr Gly Glu Val Leu Ile Ser Glu Asn Val Val Ala Ser Ile Gln  
 115 120 125  
 Pro Ala Glu Gly Ser Phe Glu Gly Asp Leu Lys Val Pro Arg Met Glu  
 130 135 140  
 Glu Lys Glu Ala Leu Val Pro Ile Gln Lys Ala Thr Asp Ser Phe His

# SEQLIST.TXT

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145          150          155          160
Thr Glu Leu His Pro Arg Val Ala Phe Trp Ile Ile Lys Leu Pro Arg
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Arg Arg Ser His Gln Asp Ala Leu Glu Gly Gly His Trp Leu Ser Glu
          180          185          190
Lys Arg His Arg Leu Gln Ala Ile Arg Asp Gly Leu Arg Lys Gly Thr
          195          200          205
His Lys Asp Val Leu Glu Glu Gly Thr Glu Ser Ser Ser His Ser Arg
          210          215          220
Leu Ser Pro Arg Lys Thr His Leu Leu Tyr Ile Leu Arg Pro Ser Arg
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Gln Leu

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<210> 7
<211> 733
<212> DNA
<213> homo sapien

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ctccgagaat gtggtggcat ccattcaacc agcggagggg agcttcgagg gtgatttgaa 420
ggtaccagg atggaggaga aggagggcct ggtaccatc cagaaggcca cggacagctt 480
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catcgggat ggactccga aggggaccca caaggagctc ctagaagagg ggaccgagag 660
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tcggcagctg tag 733

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<210> 8
<211> 242
<212> PRT
<213> homo sapien

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<400> 8
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20          25          30
Ile His Asp Ala Asp Ala Gln Glu Ser Ser Leu Gly Leu Thr Gly Leu
35          40          45
Gln Ser Leu Leu Gln Gly Phe Ser Arg Leu Phe Leu Lys Gly Asn Leu
50          55          60
Leu Arg Gly Ile Asp Ser Leu Phe Ser Ala Pro Met Asp Phe Arg Gly
65          70          75          80
Leu Pro Gly Asn Tyr His Lys Glu Glu Asn Gln Gln His Gln Leu Gly
85          90          95
Asn Asn Thr Leu Ser Ser His Leu Gln Ile Asp Lys Met Thr Asp Asn
100          105          110
Lys Thr Gly Glu Val Leu Ile Ser Glu Asn Val Val Ala Ser Ile Gln
115          120          125
Pro Ala Glu Gly Ser Phe Glu Gly Asp Leu Lys Val Pro Arg Met Glu
130          135          140
Gln Lys Glu Ala Leu Val Pro Ile Gln Lys Ala Thr Asp Ser Phe His
145          150          155          160
Thr Glu Leu His Pro Arg Val Ala Phe Trp Ile Ile Lys Leu Pro Arg
165          170          175

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# SEQLIST.TXT

Arg Arg Ser His Gln Asp Ala Leu Glu Gly Gly His Trp Leu Ser Glu  
 180 185 190  
 Lys Arg His Arg Leu Gln Ala Ile Arg Asp Gly Leu Arg Lys Gly Thr  
 195 200 205  
 His Lys Asp Val Leu Glu Gly Thr Glu Ser Ser Ser His Ser Arg  
 210 215 220  
 Leu Ser Pro Arg Lys Thr His Leu Leu Tyr Ile Leu Arg Pro Ser Arg  
 225 230 235 240  
 Gln Leu

<210> 9  
 <211> 733  
 <212> DNA  
 <213> homo sapien

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 agagagctcc ttgggtctca caggcctcca gagcctactc caaggctcca gccgactttt 180  
 cctgaaaggt aacctgtctc ggggcataga cagcttattc tctgccccca tggacttccg 240  
 gggcctccct gggaactacc acaaagagga gaaccaggag caccagctgg ggaacaacac 300  
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 ggtaccagg atggaggaga aggaggccct ggtaccatc cagaaggcca cggacagctt 480  
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 catccgggat ggactccgca aggggaccca caaggacgtc ctaaaagagg ggaccgagag 660  
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<210> 10  
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 <212> PRT  
 <213> homo sapien

<400> 10  
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 Ile His Asp Ala Asp Ala Gln Glu Ser Ser Leu Gly Leu Thr Gly Leu  
 35 40 45  
 Gln Ser Leu Leu Gln Gly Phe Ser Arg Leu Phe Leu Lys Gly Asn Leu  
 50 55 60  
 Leu Arg Gly Ile Asp Ser Leu Phe Ser Ala Pro Met Asp Phe Arg Gly  
 65 70 75 80  
 Leu Pro Gly Asn Tyr His Lys Glu Glu Asn Gln Glu His Gln Leu Gly  
 85 90 95  
 Asn Asn Thr Leu Ser Ser His Leu Gln Ile Asp Lys Met Thr Asp Asn  
 100 105 110  
 Lys Thr Gly Glu Val Leu Ile Ser Glu Asn Val Val Ala Ser Ile Gln  
 115 120 125  
 Pro Ala Glu Gly Ser Phe Glu Gly Asp Leu Lys Val Pro Arg Met Glu  
 130 135 140  
 Glu Lys Glu Ala Leu Val Pro Ile Gln Lys Ala Thr Asp Ser Phe His  
 145 150 155 160  
 Thr Glu Leu His Pro Arg Val Ala Phe Trp Ile Ile Lys Leu Pro Arg  
 165 170 175  
 Arg Arg Ser His Gln Asp Ala Leu Glu Gly Ser His Trp Leu Ser Glu  
 180 185 190  
 Lys Arg His Arg Leu Gln Ala Ile Arg Asp Gly Leu Arg Lys Gly Thr

SEQLIST.TXT

195 200 205  
 His Lys Asp Val Leu Lys Glu Gly Thr Glu Ser Ser His Ser Arg  
 210 215 220  
 Leu Ser Pro Arg Lys Thr His Leu Leu Tyr Ile  
 225 230 235 240  
 Gln Leu

<210> 11  
 <211> 733  
 <212> DNA  
 <213> homo sapien

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 agagagctcc ttgggtctca caggcctcca gagcctactc caaggcttca gccgactttt 180  
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 gggcctccct ggggaactacc acaaagagga gaaccaggag caccagctgg ggaacaacac 300  
 cctctccagc caccctcaga tgcacaagat gaccgacaac aagacaggag aggtgctgat 360  
 ctccgagaat gtgggtgcat ccattcaacc agcggagggg agcttcgagg gtgatttgaa 420  
 ggtaccagggt atggaggaga aggaggccct ggtaccatc cagaaggcca cggacagctt 480  
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 ccaccaggat gccctggagg gcggccactg gctcagcgag aagcgacacc gcctgcaggc 600  
 ctccgggatg gaactccgca aggggaccca caaggagctc ctagaagagg ggaccgagag 660  
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<210> 12  
 <211> 242  
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 <213> homo sapien

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 Ile His Asp Ala Asp Ala Gln Glu Ser Ser Leu Gly Leu Thr Gly Leu  
 35 40 45  
 Gln Ser Leu Leu Gln Gly Phe Ser Arg Leu Phe Leu Lys Gly Asn Leu  
 50 55 60  
 Leu Arg Gly Ile Asp Ser Leu Phe Ser Ala Pro Met Asp Phe Arg Gly  
 65 70 75 80  
 Leu Pro Gly Asn Tyr His Lys Glu Glu Asn Gln Glu His Gln Leu Gly  
 85 90 95  
 Asn Asn Thr Leu Ser Ser His Leu Gln Ile Asp Lys Met Thr Asp Asn  
 100 105 110  
 Lys Thr Gly Glu Val Leu Ile Ser Glu Asn Val Val Ala Ser Ile Gln  
 115 120 125  
 Pro Ala Glu Gly Ser Phe Glu Gly Asp Leu Lys Val Pro Arg Met Glu  
 130 135 140  
 Glu Lys Glu Ala Leu Val Pro Ile Gln Lys Ala Thr Asp Ser Phe His  
 145 150 155 160  
 Thr Glu Leu His Pro Arg Val Ala Phe Trp Ile Ile Lys Leu Pro Arg  
 165 170 175  
 Arg Arg Ser His Gln Asp Ala Leu Glu Gly Gly His Trp Leu Ser Glu  
 180 185 190  
 Lys Arg His Arg Leu Gln Ala Ile Arg Asp Gly Leu Arg Lys Gly Thr  
 195 200 205  
 His Lys Asp Val Leu Glu Glu Gly Thr Glu Ser Ser  
 210 215 220

SEQLIST.TXT

Leu Ser Pro Arg Lys Thr His Leu Leu Tyr Ile Leu Arg Pro Ser Arg  
225 230 235 240  
Gln Leu

<210> 13  
<211> 640  
<212> DNA  
<213> homo sapien

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agagagctcc ttgggtctca caggcctcca gacgtactc caaggcttca gccgactttt 180  
cctgaagggt aacctgtctc ggggcataga cagcttattc tctgccccca tggacttccg 240  
gggcctccct gggaactacc acaagaggga gaaccaggag caccagctgg ggaacaacac 300  
ctctctccagc caccctcaga tcgacaagggt acccaggatg gaggagaagg aggccttggg 360  
accatccag aaggccacgg acagcttcca cacagaactc catccccggg tggccttctg 420  
gatcattaag ctgccacggc ggaggttcca ccaggatgcc ctggaggcgc gccactggct 480  
cagcagaga cgacacggcc tgcaggccat ccgggatgga ctccgcaagg ggaccacaaa 540  
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<211> 211  
<212> PRT  
<213> homo sapien

<400> 14  
Met Gly Glu Ala Ser Pro Pro Ala Pro Ala Arg Arg His Leu Leu Val  
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20 25 30  
Ile His Asp Ala Asp Ala Gln Glu Ser Ser Leu Gly Leu Thr Gly Leu  
35 40 45  
Gln Ser Leu Leu Gln Gly Phe Ser Arg Leu Phe Leu Lys Gly Asn Leu  
50 55 60  
Leu Arg Gly Ile Asp Ser Leu Phe Ser Ala Pro Met Asp Phe Arg Gly  
65 70 75 80  
Leu Pro Gly Asn Tyr His Lys Glu Glu Asn Gln Glu His Gln Leu Gly  
85 90 95  
Asn Asn Thr Leu Ser Ser His Leu Gln Ile Asp Lys Val Pro Arg Met  
100 105 110  
Glu Glu Lys Glu Ala Leu Val Pro Ile Gln Lys Ala Thr Asp Ser Phe  
115 120 125  
His Thr Glu Leu His Pro Arg Val Ala Phe Trp Ile Ile Lys Leu Pro  
130 135 140  
Arg Arg Arg Ser His Gln Asp Ala Leu Glu Gly Gly His Trp Leu Ser  
145 150 155 160  
Glu Lys Arg His Arg Leu Gln Ala Ile Arg Asp Gly Leu Arg Lys Gly  
165 170 175  
Thr His Lys Asp Val Leu Glu Glu Gly Thr Glu Ser Ser Ser His Ser  
180 185 190  
Arg Leu Ser Pro Arg Lys Thr His Leu Leu Tyr Ile Leu Arg Pro Ser  
195 200  
Arg Gln Leu  
210

<210> 15  
<211> 640  
<212> DNA

SEQLIST.TXT

<213> homo sapien

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<400> 15
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cctgaaaggt aaacctgcttc ggggcataga cagcttattc tctgccccca tggacttccg 240
gggctctcag ggaactatcc acaaagagga gaaccaggag caccagctgg ggaacaacac 300
cctctccagc cactccaga tcgacaaggt acccaggatg gaggagaagg aggccctggg 360
accctccaa aaggccacgg acagcttcca ccagaaact catccccggg tggccttctg 420
gatcattaag ctggccaggc ggaggtccca ccaggatgcc ctggaggggc gccactggct 480
cagcgagaag cgacaccgcc tcgaggccat ccgggatgga ctccgcaagg ggaccaccaa 540
ggacgtccta gaagaggaga ccgagagctc ctccactcc aggcgtgtcc cccgaaagac 600
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<210> 16

<211> 211

<212> PRT

<213> homo sapien

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<400> 16
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20 25 30
Ile His Asp Ala Asp Ala Gln Glu Ser Ser Leu Gly Leu Thr Gly Leu
35 40 45
Gln Ser Leu Leu Gln Gly Phe Ser Arg Leu Phe Leu Lys Gly Asn Leu
50 55 60
Leu Arg Gly Ile Asp Ser Leu Phe Ser Ala Pro Met Asp Phe Arg Gly
65 70 75 80
Leu Pro Gly Asn Tyr His Lys Glu Glu Asn Gln Gln His Gln Leu Gly
85 90 95
Asn Asn Thr Leu Ser Ser His Leu Gln Ile Asp Lys Val Pro Arg Met
100 105 110
Glu Glu Lys Glu Ala Leu Val Pro Ile Gln Lys Ala Thr Asp Ser Phe
115 120 125
His Thr Glu Leu His Pro Arg Val Ala Phe Trp Ile Ile Lys Leu Pro
130 135 140
Arg Arg Arg Ser His Gln Asp Ala Leu Glu Gly Gly His Trp Leu Ser
145 150 155 160
Glu Lys Arg His Arg Leu Gln Ala Ile Arg Asp Gly Leu Arg Lys Gly
165 170 175
Thr His Lys Asp Val Leu Glu Glu Glu Thr Glu Ser Ser Ser His Ser
180 185 190
Arg Leu Ser Pro Arg Lys Thr His Leu Leu Tyr Ile Leu Arg Pro Ser
195 200 205
Arg Gln Leu
210

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<210> 17

<211> 499

<212> DNA

<213> homo sapien

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<400> 17
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agagagcttc ttgggtctca caggcctcca gaggcttact caaggcttca gccgactttt 180
cctgaaagta ccaggatgg aggagaagga ggccttgta cccatccaga aggccacgga 240
cagcttccac acagaaactcc atccccggg ggccttctgg atcattaagc tgcacggcg 300
gagggtccac caggatgccc tggaggcgag ccactggctc agcgagaagc gacaccgcct 360

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# SEQLIST.TXT

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gccctctcgg cagctgtag 499

<210> 18  
<211> 164  
<212> PRT  
<213> homo sapien

<400> 18  
Met Gly Glu Ala Ser Pro Pro Ala Pro Ala Arg Arg His Leu Leu Val  
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20 25 30  
Ile His Asp Ala Asp Ala Gln Glu Ser Ser Leu Gly Leu Thr Gly Leu  
35 40 45  
Gln Ser Leu Leu Gln Gly Phe Ser Arg Leu Phe Leu Lys Val Pro Arg  
50 55 60  
Met Glu Glu Lys Glu Ala Leu Val Pro Ile Gln Lys Ala Thr Asp Ser  
65 70 75 80  
Phe His Thr Glu Leu His Pro Arg Val Ala Phe Trp Ile Ile Lys Leu  
85 90 95  
Pro Arg Arg Arg Ser His Gln Asp Ala Leu Glu Gly Ser His Trp Leu  
100 105 110  
Ser Glu Lys Arg His Arg Leu Gln Ala Ile Arg Asp Gly Leu Arg Lys  
115 120 125  
Gly Thr His Lys Asp Val Leu Lys Glu Gly Thr Glu Ser Ser Ser His  
130 135 140  
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145 150 155 160  
Ser Arg Gln Leu

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<211> 499  
<212> DNA  
<213> homo sapien

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agagagctcc ttgggtctca caggcctcca gagcctactc caaggctcca gccgactttt 180  
cctgaaagta ccaggatgg aggagaagga ggccctggta cccatccaga aggccacgga 240  
cagctccac acagaactcc atccccgggt ggccctctgg atcattaaagc tgcacgcggc 300  
gaggtcccac caggatgccc tggagggcag ccactggctc agcagaagc gacaccgcct 360  
gcagggccatc cgggatggac tccgcaaggg gacccacaag gacgtcctaa aagagggggac 420  
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gccctctcgg cagctgtag 499

<210> 20  
<211> 164  
<212> PRT  
<213> homo sapien

<400> 20  
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Leu Leu Leu Leu Ser Thr Leu Val Ile Pro Ser Ala Ala Ala Pro  
20 25 30  
Ile His Asp Ala Asp Ala Gln Glu Ser Ser Leu Gly Leu Thr Gly Leu  
35 40 45  
Gln Ser Leu Leu Gln Gly Phe Ser Arg Leu Phe Leu Lys Val Pro Arg  
Page 9

SEQLIST.TXT

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Met Glu Glu Lys Glu Ala Leu Val Pro Ile Gln Lys Ala Thr Asp Ser
65          70          75          80
Phe His Thr Glu Leu His Pro Arg Val Ala Phe Trp Ile Ile Lys Leu
85          90          95
Pro Arg Arg Arg Ser His Gln Asp Ala Leu Glu Gly Ser His Trp Leu
100          105          110
Ser Glu Lys Arg His Arg Leu Gln Ala Ile Arg Asp Gly Leu Arg Lys
115          120          125
Gly Thr His Lys Asp Val Leu Lys Glu Gly Thr Glu Ser Ser Ser His
130          135          140
Ser Arg Leu Ser Pro Arg Lys Thr His Leu Leu Tyr Ile Leu Arg Pro
145          150          155          160
Ser Arg Gln Leu

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<210> 21
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<213> homo sapien

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<210> 22
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<212> PRT
<213> homo sapien

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35          40          45
Gln Ser Leu Leu Gln Gly Phe Ser Arg Leu Phe Leu Lys Val Pro Arg
50          55          60
Met Glu Glu Lys Glu Ala Leu Val Pro Ile Gln Lys Ala Thr Asp Ser
65          70          75          80
Phe His Thr Glu Leu His Pro Arg Val Ala Phe Trp Ile Ile Lys Leu
85          90          95
Pro Arg Arg Arg Ser His Gln Asp Ala Leu Glu Gly Ser His Trp Leu
100          105          110
Ser Glu Lys Arg His Arg Leu Gln Ala Ile Arg Asp Gly Leu Arg Lys
115          120          125
Gly Thr His Lys Asp Val Leu Glu Glu Gly Thr Glu Ser Ser Ser His
130          135          140
Ser Arg Leu Ser Pro Arg Lys Thr His Leu Leu Tyr Ile Leu Arg Pro
145          150          155          160
Ser Arg Gln Leu

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# SEQLIST.TXT

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 cagcttccac acagaactcc atccccgggt ggccttctgg atcattaagc tgccacggcg 300  
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 35 40 45  
 Gln Ser Leu Leu Gln Gly Phe Ser Arg Leu Phe Leu Lys Val Pro Arg  
 50 55 60  
 Met Glu Glu Lys Glu Ala Leu Val Pro Ile Gln Lys Ala Thr Asp Ser  
 65 70 75 80  
 Phe His Thr Glu Leu His Pro Arg Val Ala Phe Trp Ile Ile Lys Leu  
 85 90 95  
 Pro Arg Arg Arg Ser His Gln Asp Ala Leu Glu Gly Ser His Trp Leu  
 100 105 110  
 Ser Glu Lys Arg His Arg Leu Gln Ala Ile Arg Asp Gly Leu Arg Lys  
 115 120 125  
 Gly Thr His Lys Asp Val Leu Lys Glu Gly Thr Glu Ser Ser Ser His  
 130 135 140  
 Ser Arg Leu Ser Pro Arg Lys Thr His Leu Leu Tyr Ile Leu Arg Pro  
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 Ser Arg Gln Leu

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 gcaggccatc cgggatggac tccgcaaggg gacccacaag gacgtcctaa aagaggggac 420  
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<210> 26

# SEQLIST.TXT

<211> 164

<212> PRT

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<400> 26

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Met Gly Glu Ala Ser Pro Pro Ala Pro Ala Arg Arg His Leu Leu Val
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Leu Leu Leu Leu Ser Thr Leu Val Ile Pro Ser Thr Ala Ala Pro
20      25      30
Ile His Asp Ala Asp Ala Gln Glu Ser Ser Leu Gly Leu Thr Gly Leu
35      40      45
Gln Ser Leu Leu Gln Gly Phe Ser Arg Leu Phe Leu Lys Val Pro Arg
50      55      60
Met Glu Glu Lys Glu Ala Leu Val Pro Ile Gln Lys Ala Thr Asp Ser
65      70      75      80
Phe His Thr Glu Leu His Pro Arg Val Ala Phe Trp Ile Ile Lys Leu
85      90      95
Pro Arg Arg Arg Ser His Gln Asp Ala Leu Glu Gly Ser His Trp Leu
100      105      110
Ser Glu Lys Arg His Arg Leu Gln Ala Ile Arg Asp Gly Leu Arg Lys
115      120      125
Gly Thr His Lys Asp Val Leu Lys Glu Gly Thr Glu Ser Ser Ser His
130      135      140
Ser Arg Leu Ser Pro Arg Lys Thr His Leu Leu Tyr Ile Leu Arg Pro
145      150      155      160
Ser Arg Gln Leu

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<210> 27

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<212> DNA

<213> homo sapien

<400> 27

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<210> 28

<211> 20

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<400> 28

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